

## PROJECT 10073 RECORD

1. DATE - TIME GROUP 02/2215 2 May 69 03/0215Z	2. LOCATION NE of Dayton, Ohio
3. SOURCE Civilian	10. CONCLUSION Other (SATELLITE DECAY)
4. NUMBER OF OBJECTS One	Identified as debris from Explorer 34.
5. LENGTH OF OBSERVATION 30 - 40 Seconds	11. BRIEF SUMMARY AND ANALYSIS The observer was flying at 35,000 ft approx 65 NM northeast of Dayton, Ohio when he sighted what he thought was a satellite decay.
6. TYPE OF OBSERVATION Air-Visual	
7. COURSE Seen in SW	
8. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
9. PHYSICAL EVIDENCE <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

FORM

FTD SEP 63 0-329 (TDE)

Previous editions of this form may be used.



13.	DID THE PHENOMENON	YES	NO	UNKNOWN
	MOVE IN A STRAIGHT LINE?			
	STAND STILL AT ANYTIME?			
	SUDDENLY SPEED UP AND RUN AWAY?			
	BREAK UP IN PARTS AND EXPLODE?			
	CHANGE COLOR?			
	GIVE OFF SMOKE?			
	CHANGE BRIGHTNESS?			
	CHANGE SHAPE?			
	FLASH OR FLICKER?			
	DISAPPEAR AND REAPPEAR?			
	SPIN LIKE A TOP?			
	MAKE A NOISE?			
	FLUTTER OR WOBBLE?			

14. WHAT DREW YOUR ATTENTION TO THE PHENOMENON?

Nothing - just looking around and  
it came into view.

A. HOW DID IT FINALLY DISAPPEAR?

Burned out,  
\* It looks and heard out.

Burning object  
I lost interest  
←

B. DID THE PHENOMENON MOVE BEHIND OR IN FRONT OF SOMETHING, LIKE A CLOUD, TREE, OR BUILDING AT ANY TIME?  
☐ YES ☒ NO. IF "YES," DESCRIBE.



15. DRAW A PICTURE THAT WILL SHOW THE SHAPE OF THE PHENOMENON. INCLUDE AND LABEL ANY DETAILS THAT MIGHT HAVE APPEARED AS WINGS OR PROTRUSIONS, AND INDICATE EXHAUST OR VAPOR TRAILS. INDICATE BY AN ARROW THE DIRECTION THE PHENOMENON WAS MOVING.



Drinking



last about  
2.5 Sec.

16. WHAT WAS THE ANGULAR SIZE? HOLD A MATCH AT ARM'S LENGTH IN FRONT OF A KNOWN OBJECT, SUCH AS A STREET LAMP OR THE MOON. NOTE HOW MUCH OF THE OBJECT IS COVERED BY THE HEAD OF THE MATCH. NOW IF YOU HAD BEEN ABLE TO PERFORM THIS EXPERIMENT AT THE TIME OF THE SIGHTING, ESTIMATE WHAT FRACTION OF THE PHENOMENON WOULD HAVE BEEN COVERED BY THE MATCH HEAD.

about 50-60°



17. DID YOU OBSERVE THE PHENOMENON THROUGH ANY OF THE FOLLOWING? INCLUDE INFORMATION ON MODEL, TYPE, FILTER, LENS PRESCRIPTION OR OTHER APPLICABLE DATA.											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>EYEGASSES</td></tr> <tr><td>SUNGLASSES</td></tr> <tr><td><input checked="" type="checkbox"/> WINDSHIELD</td></tr> <tr><td>SIDE WINDOW OF VEHICLE</td></tr> <tr><td>WINDOWPANE</td></tr> </table>	EYEGASSES	SUNGLASSES	<input checked="" type="checkbox"/> WINDSHIELD	SIDE WINDOW OF VEHICLE	WINDOWPANE	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>CAMERA VIEWER</td></tr> <tr><td>BINOCULARS</td></tr> <tr><td>TELESCOPE</td></tr> <tr><td>THEODOLITE</td></tr> <tr><td>OTHER</td></tr> </table>	CAMERA VIEWER	BINOCULARS	TELESCOPE	THEODOLITE	OTHER
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SIDE WINDOW OF VEHICLE											
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CAMERA VIEWER											
BINOCULARS											
TELESCOPE											
THEODOLITE											
OTHER											
A. DO YOU ORDINARILY WEAR GLASSES? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	B. DO YOU USE READING GLASSES? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO										
18. WHAT WAS YOUR IMPRESSION OF THE SPEED OF THE PHENOMENON? GIVE ESTIMATE OF SPEED <u>500 kts</u>	19. WHAT WAS YOUR IMPRESSION OF THE DISTANCE OF THE PHENOMENON? GIVE ESTIMATE OF DISTANCE <u>2500 ft</u>										
20. IN ORDER THAT WE MAY OBTAIN AS CLEAR A PICTURE AS POSSIBLE OF WHAT YOU SAW, DESCRIBE IN YOUR OWN WORDS A COMMON OBJECT OR OBJECTS WHICH, WHEN PLACED IN THE SKY, SIMILAR TO WHERE YOU NOTED THE PHENOMENON, WOULD BEAR SOME RESEMBLANCE TO WHAT YOU SAW. DESCRIBE SIMILARITIES AND DIFFERENCES BETWEEN THE COMMON OBJECT AND WHAT YOU SAW.											
<p style="font-size: 1.2em; font-family: cursive;">First stage or second stage of a rocket. It appeared as that of a cluster orienting. However the speed was very slow almost to point that it seemed to have some lift or drag down. Slowed it down.</p>											
21. DID YOU NOTICE ANY ODOR, NOISE, OR HEAT EMANATING FROM THE PHENOMENON OR ANY EFFECT ON YOURSELF, ANIMALS OR MACHINERY IN THE VICINITY? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO. IF "YES," DESCRIBE.											
A. DID THE PHENOMENON DISTURB THE GROUND OR LEAVE ANY PHYSICAL EVIDENCE. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO. IF "YES," DESCRIBE.											
<p style="font-size: 1.2em; font-family: cursive; text-align: right;">in house since I didn't need to hit the ground</p>											



22. HAVE YOU EVER SEEN THIS OR A SIMILAR PHENOMENON BEFORE? ☐ YES ☐ NO. IF "YES," GIVE DATE AND LOCATION.

23. WAS ANYONE WITH YOU AT THE TIME YOU SAW THE PHENOMENON? ☐ YES ☐ NO. IF "YES," DID THEY SEE IT TOO?  
☐ YES ☐ NO.

A. LIST THEIR NAMES AND ADDRESSES

24. GIVE THE FOLLOWING INFORMATION ABOUT YOURSELF

LAST NAME, FIRST NAME, MIDDLE NAME

ADD

TELEPHONE

AGE

MALE

FEMALE

INDICATE ADDITIONAL INFORMATION INCLUDING OCCUPATION AND ANY EXPERIENCE WHICH MAY BE PERTINENT.

Go pilot 350 500 hrs

Have seen many meteors entering earth's atmosphere especially since we fly 10-12 hr missions at night, to not clear in the same class or type of objects as meteor.

25. WHEN AND TO WHOM DID YOU REPORT THAT YOU HAD SIGHTED THIS PHENOMENON?

NAME Dr. David H. ... DAY 3 MONTH May YEAR 67

26. DATE YOU COMPLETED THIS QUESTIONNAIRE.

DAY 6 MONTH May YEAR 67



"Unknown"  
1735

FLIGHT CREW MEMBER REPORT FORM

for LONG. 085°52' WEST  
LAT. 34°27' NORTH

SATELLITE RE-ENTRY OR BRIGHT FIREBALL

2° EAST M.V.

in conjunction with  
Smithsonian Astrophysical Observatory's Re-Entry and Recovery Program

1. Flight EAL 423 2. Date MAY 2, 1969 3. Time 0023<sup>3</sup>/May 3
4. Location (DME and radial reading from a VOR unless overwater) about 70 DME East  
of BHM of 044° Radial from BHM  
TRUE 226°
5. Plane heading magnetic 224° 6. Altitude 31,000 ft.
7. Crew names and addresses witnessing event Capt. [REDACTED] St.  
Frederick, N.Y. :: Pilot [REDACTED]
8. Estimate degrees right or left of plane heading and elevation (in degrees) above horizon  
of object when first sighted About 20° right & slightly above our altitude
9. Estimate degrees right or left of plane heading and elevation (in degrees) above horizon  
of object when last sighted About dead ahead & same altitude
10. Apparent brightness: A. Too bright to look at \_\_\_\_\_  
B. As bright as full moon about  
C. As bright as venus \_\_\_\_\_
11. Duration of sighting plus or minus 2 minutes
12. Break up noted and/or color noted \_\_\_\_\_
- Was this a predicted re-entry? ? yes \_\_\_\_\_ no \_\_\_\_\_
- To list additional information, please use the reverse side: over
- Date: May 3, 1969 \_\_\_\_\_ Signature \_\_\_\_\_

If, for any reason, you wish not to be identified with whatever sighting you made, please  
indicate so underneath you signature. Please mail to:

Mr. Herbert E. Roth  
Smithsonian Moonwatch Team Director  
C/O United Air Lines Flight Training Center  
Stapleton International Airport  
Denver, Colorado 80207 U. S. A.



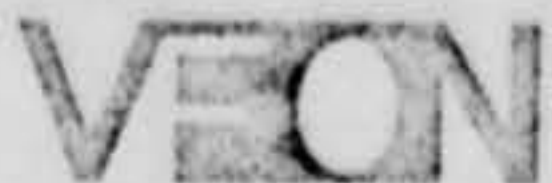
This bright light first appeared at little to the right and slightly above our altitude. It appeared to be coming in our direction, but it did not seem to be closing. It then seemed to divide into two lights. We thought; a formation of several aircraft. It then got dimmer and several red-disk lights seemed to follow it. A red then they all disappeared. The color was first whitest, as a normal landing light, and then a greenish-white.

This was interesting to us three pilots as we had never seen any like it before.

Capt

Eastern Air Lines





VOLUNTEER FLIGHT OFFICER NETWORK

DIRECTOR: HERBERT E. ROTH

FIELD OFFICE:  
STAPLETON INTERNATIONAL AIRPORT  
DENVER, COLORADO, 80207, U.S.A.  
% UNITED AIRLINES, FLIGHT TRAINING CENTER  
TELEPHONE (303) 398-5727

July 22, 1969

Hector Quintanilla, Jr., Lt Colonel, USAF  
Chief, Aerial Phenomena Office  
Aerospace Technologies Division  
Production Directorate  
Wright-Patterson Air Force Base  
Ohio 45433

Dear Col. Quintanilla:

Thank you for your letter of June 26th and for the attached information relating to VFON report #1735.

In placing both reports (yours and #1735) together on the map it appears both pilots saw the same object. If not, it was certainly quite a coincidence.

If I should happen to get any further word on this report(#1735) I will be certain to get in touch with you.

Sincerely yours,

H.E. Roth, Project Director  
Volunteer Flight Officer Network

HER:das

AFFILIATED WITH: SMITHSONIAN INSTITUTION ASTROPHYSICAL OBSERVATORY



WDPT (UFO)/Lt Carmon L. Marano

26 JUN 1969

Possible Identification of Smithsonian Report Nr 1735

Mr. Herb Roth  
Smithsonian Moonwatch Team Director  
c/o United Airlines Flight Training Center  
Stapleton International Airport  
Denver, Colorado 80207

Reference your report nr. 1735, latitude  $34^{\circ} 27'$  North, longitude  $85^{\circ} 52'$  West for 3 May 1967 from Ernest G. Cooper. Attached is a sighting that we received for 2 May 1969 at 2215 EDT (3/0215Z) from the co-pilot of a B-52. It was our conclusion that the co-pilot of the B-52 had seen the decay of some satellite debris, probably from 1967-51A (Explorer 34). It seems quite possible that this is what Captain Cooper also saw, but he appears to have made an error in computing the Greenwich Mean Time.

ECTOR QUINTANILLA, Jr, Lt Colonel, USAF  
Chief, Aerial Phenomena Office  
Aerospace Technologies Division  
Production Directorate

1 Atch  
2 May 69 Sighting

WDPT (UFO) Official File Copy



12 MAY 1969

TDPT (UFO)

Satellite Debris Decay of 2 May 69

~~XXXXXXXXXX~~  
Fairborn, Ohio 45324

Reference your sighting of satellite decay on 2 May 69.  
The stimulus for your sighting has been identified as debris  
from the satellite Explorer 34. Thank you for reporting your  
sighting to this office.

(H)  
HECTOR QUINTANILLA, Jr, Lt Col, USAF  
Chief, Aerial Phenomena Branch  
Aerospace Technologies Division  
Production Directorate

TDPT (UFO) Official File Copy



MEMO FOR RECORD

12 May 1969

SUBJECT: Satellite Debris Decay of 2 May 69

Called SDC and talked to Lt. Belendi. The only decay on 3 May 69 was at 0130Z. It was the payload of 1967-51A; IMP-4; SDC #2817. (Explorer 34 satellite)



Lt. WADE  
B274 4014

Duty Officer Rpt

SIGHTING OF UNIDENTIFIED PHENOMENA QUESTIONNAIRE

BUDGET BUREAU APPROVAL  
NUMBER 21-R233

THIS QUESTIONNAIRE HAS BEEN PREPARED SO THAT YOU CAN GIVE THE U.S. AIR FORCE AS MUCH INFORMATION AS POSSIBLE CONCERNING THE UNIDENTIFIED PHENOMENON THAT YOU HAVE OBSERVED. PLEASE TRY TO ANSWER ALL OF THE QUESTIONS. THE INFORMATION YOU GIVE WILL BE USED FOR RESEARCH PURPOSES. YOUR NAME WILL NOT BE USED IN CONNECTION WITH ANY OF YOUR STATEMENTS OR CONCLUSIONS WITHOUT YOUR PERMISSION. RETURN TO AIR FORCE BASE INVESTIGATOR FOR FORWARDING TO FTD (TDETR), WRIGHT-PATTERSON AFB, OHIO 45433, IAW AFR 80-17. (IF ADDITIONAL SHEETS ARE NEEDED FOR NARRATIVE OR SKETCHES ATTACH SECURELY TO THIS FORM OR ANNOTATE WITH YOUR NAME FOR IDENTIFICATION.)

1. WHEN DID YOU SEE THE PHENOMENON?

DAY 7 MONTH MAY YEAR 69

2. WHAT TIME DID YOU FIRST SIGHT THE PHENOMENON?

HOUR 10 MINUTES 15-30 ☐ A.M. ☒ P.M.

3. WHAT TIME DID YOU LAST SIGHT THE PHENOMENON?

observed 30 sec. Phenom HOUR 10 MINUTES 15-3 ☐ A.M. ☒ P.M.

4. TIME/ZONE

☒ DAYLIGHT SAVINGS

☐ STANDARD

☐ EASTERN

☐ CENTRAL

☐ MOUNTAIN

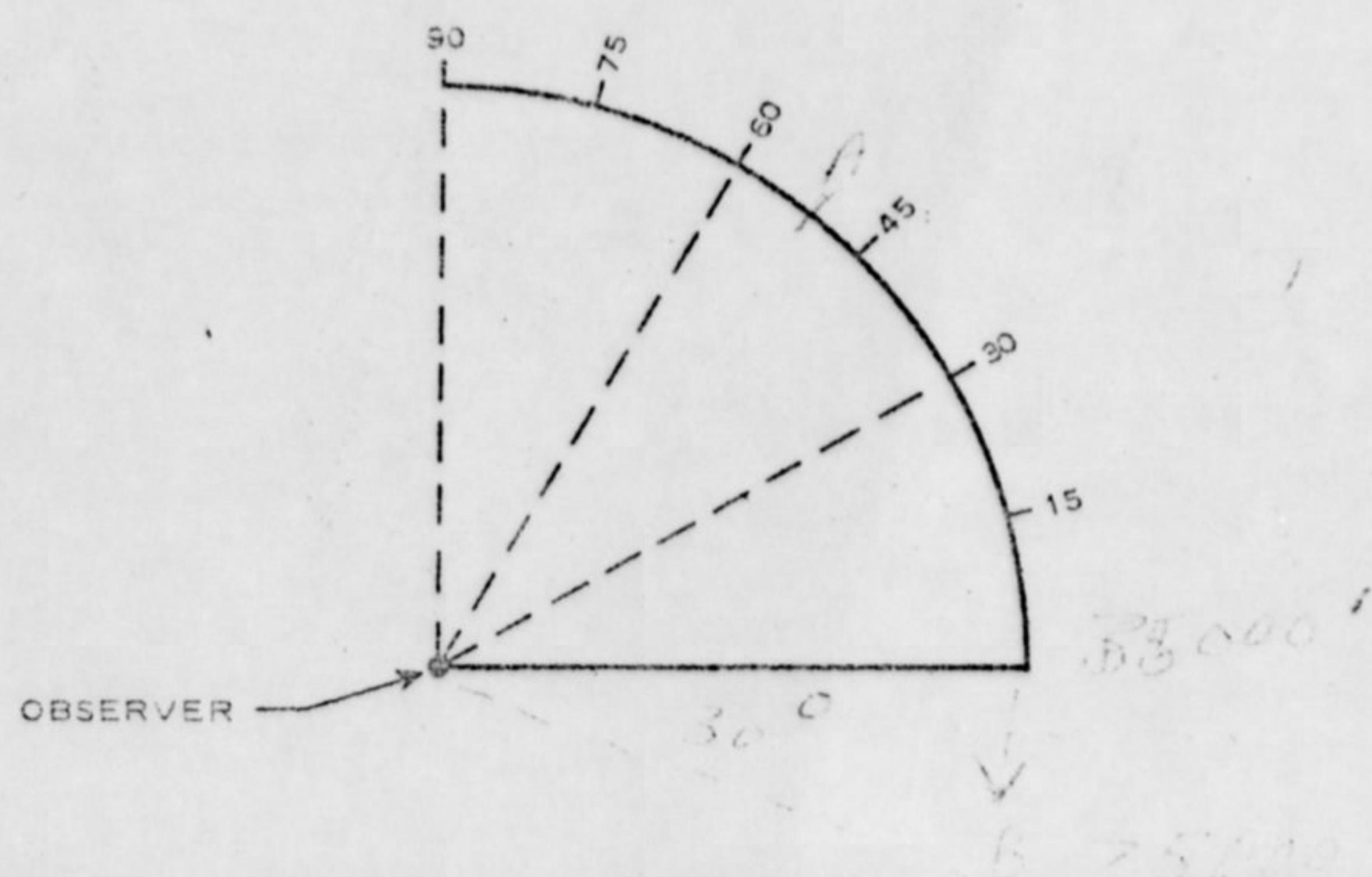
☐ PACIFIC

☐ OTHER

5. WHERE WERE YOU WHEN YOU SAW THE PHENOMENON? IF IN CITY, GIVE THE NEAREST STREET ADDRESS AND INDICATE ON A HAND DRAWN MAP WHERE YOU WERE STANDING WITH REFERENCE TO THE ADDRESS. IF IN THE COUNTRY, IDENTIFY THE HIGHWAY YOU WERE ON OR NEAR AND TRY TO FIX A DISTANCE AND DIRECTION FROM SOME RECOGNIZABLE LANDMARK.

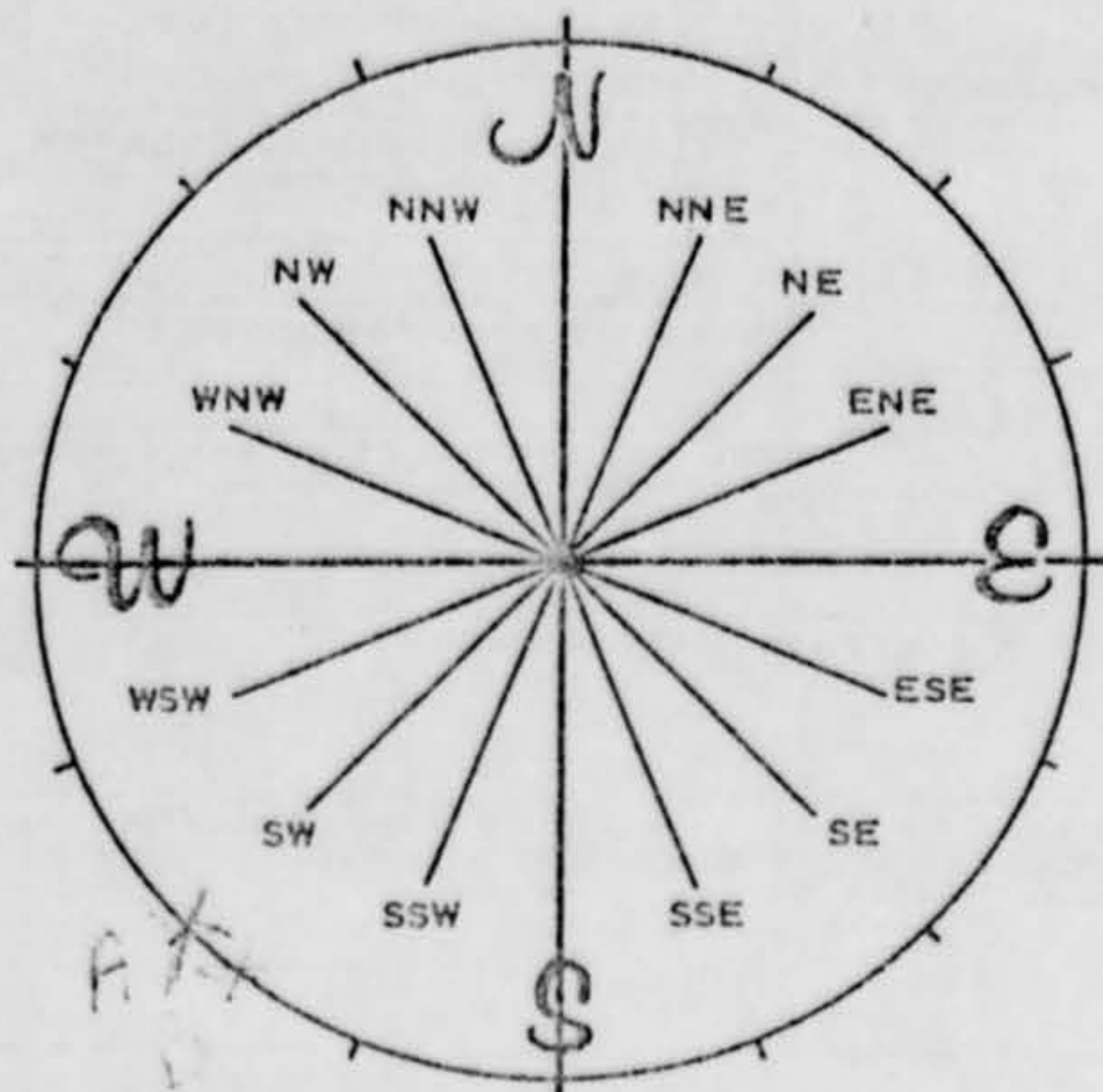
NE of Dayton, OHIO approx 65 NM at 35000 feet.  
US Training West  
Bicentennial  
DAYTON

6. IMAGINE YOU ARE AT THE POINT SHOWN IN THE SKETCH, PLACE AN "A" ON THE CURVED LINE TO SHOW HOW HIGH THE PHENOMENON WAS ABOVE THE HORIZON, OR SKYLINE, WHEN FIRST SEEN. PLACE A "B" ON THE SAME CURVED LINE TO SHOW HOW HIGH ABOVE THE HORIZON THE PHENOMENON WAS WHEN LAST SEEN.

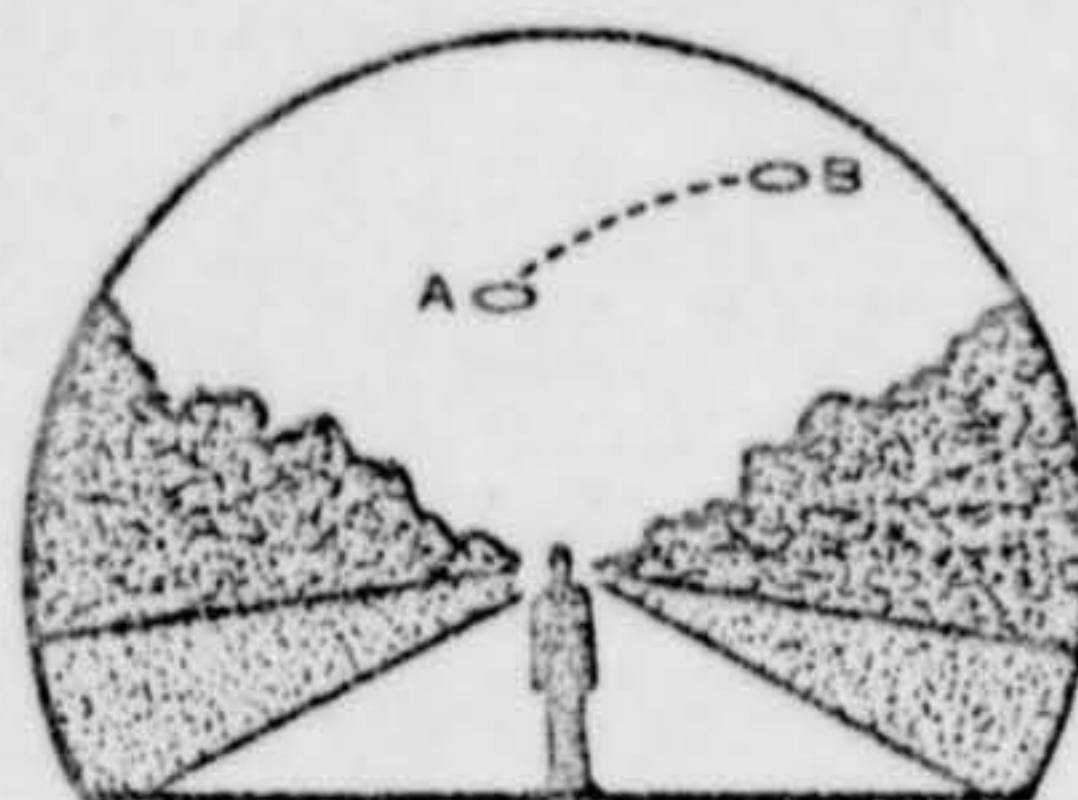
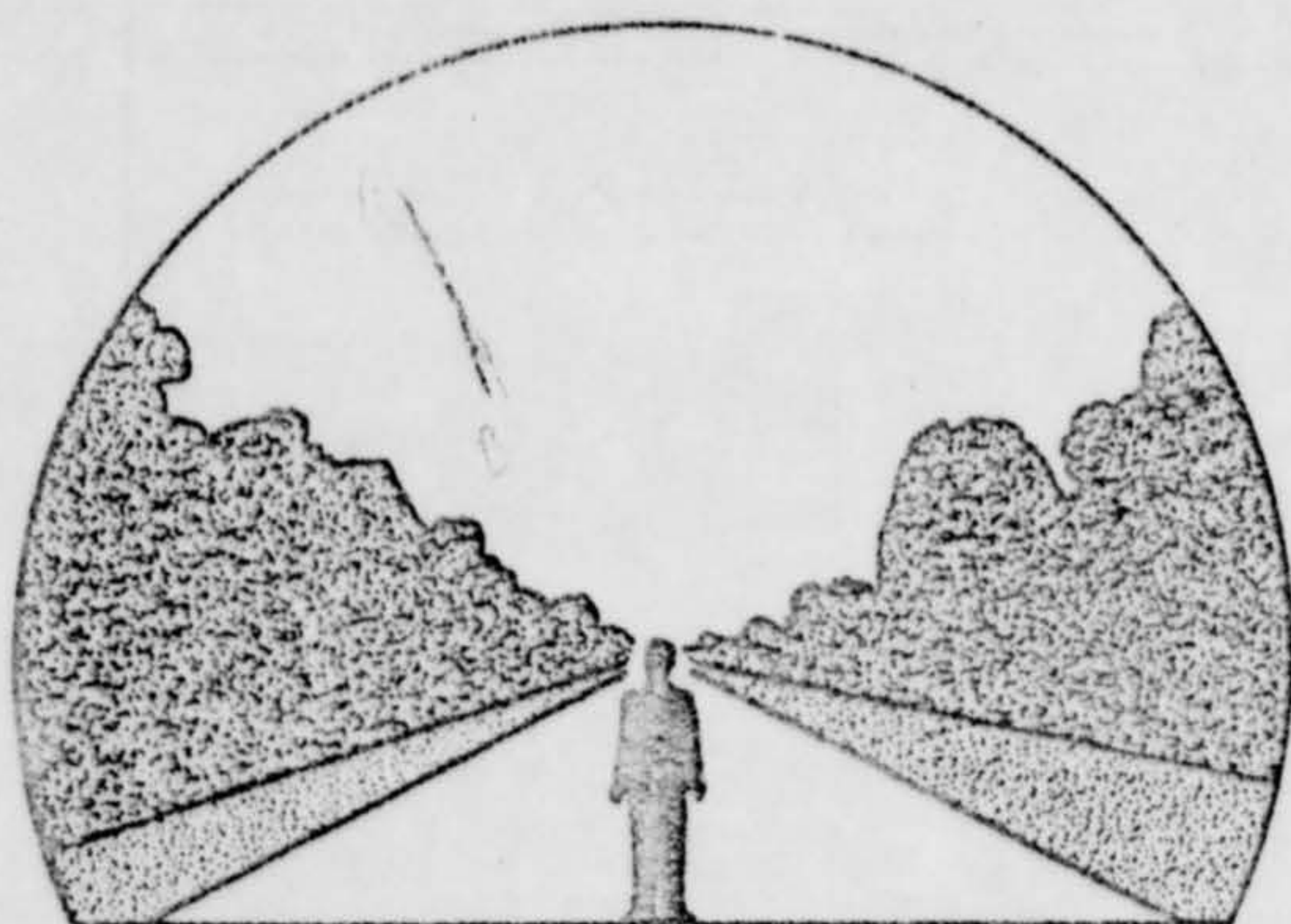




6A. NOW IMAGINE YOU ARE AT THE CENTER OF THE COMPASS ROSE. PLACE AN "A" ON THE COMPASS TO INDICATE THE DIRECTION TO THE PHENOMENON WHEN FIRST SEEN. PLACE A "B" ON THE COMPASS TO INDICATE THE DIRECTION TO THE PHENOMENON WHEN LAST SEEN.



7. IN THE SKETCH BELOW, PLACE AN "A" AT THE POSITION OF THE PHENOMENON WHEN FIRST SEEN, AND A "B" AT THE POSITION OF THE PHENOMENON WHEN LAST SEEN. CONNECT THE "A" AND "B" WITH A LINE TO APPROXIMATE THE MOVEMENT OF THE PHENOMENON BETWEEN "A" AND "B". THAT IS, SCHEMATICALLY SHOW WHETHER THE MOVEMENT APPEARED TO BE STRAIGHT, CURVED OR ZIG-ZAG. REFER TO SMALLER SKETCH AS AN EXAMPLE OF HOW TO COMPLETE THE LARGER SKETCH.





8. WHERE WERE YOU WHEN YOU SAW THE PHENOMENON? (Check appropriate blocks.)			
OUTDOORS		IN BUSINESS SECTION OF CITY	
IN BUILDING		IN RESIDENTIAL SECTION OF CITY	
IN CAR	<input type="checkbox"/> AS DRIVER <input type="checkbox"/> AS PASSENGER	IN OPEN COUNTRYSIDE	
IN BOAT		NEAR AIRFIELD	
IN AIRPLANE	<input checked="" type="checkbox"/> AS PILOT <input type="checkbox"/> AS PASSENGER	FLYING OVER CITY	
OTHER		<input checked="" type="checkbox"/> FLYING OVER OPEN COUNTRY	
		OTHER	
A. IF YOU WERE IN A VEHICLE, COMPLETE THE FOLLOWING:			
WHAT DIRECTION WERE YOU MOVING?		HOW FAST WERE YOU MOVING?	
NORTH		144 TAS	
SOUTH	<input checked="" type="checkbox"/> WEST	DID YOU STOP ANYTIME WHILE OBSERVING THE PHENOMENON?	
NORTHEAST		<input type="checkbox"/> YES <input type="checkbox"/> NO	
NORTHWEST			
EXPLAIN WHETHER SUCH MOVEMENT AFFECTS YOUR SKETCHES IN ITEMS 5 AND 6.			
NO			
DESCRIBE TYPE OF VEHICLE YOU WERE IN AND TYPE OF ROAD, TERRAIN OR BODY OF WATER YOU TRAVERSED DURING THE SIGHTING. STATE WHETHER WINDOWS OR CONVERTIBLE TOP WERE UP OR DOWN.			
B-52 H			
HOW MUCH OTHER TRAFFIC WAS THERE?			
N/A			
DID YOU NOTICE ANY AIRPLANES? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO. IF "YES," DESCRIBE WHEN THEY WERE IN SIGHT RELATIVE TO THE TIME OF SIGHTING THE PHENOMENON AND WHERE THEY WERE IN THE SKY RELATIVE TO THE POSITION OF THE PHENOMENON.			
Traveling SE to NW - was watching it. It passed in front and slowly went out of sight.			
9. HOW LONG WAS THE PHENOMENON IN SIGHT?			
LENGTH OF TIME	30 - 40 sec	CERTAIN OF TIME	NOT VERY SURE
		<input checked="" type="checkbox"/> FAIRLY CERTAIN	JUST A GUESS
HOW WAS TIME DETERMINED?			
Mental calculation based on actions in sketching			
WAS THE PHENOMENON IN SIGHT CONTINUOUSLY? <input type="checkbox"/> YES <input type="checkbox"/> NO. IF "NO," INDICATE WHETHER THIS IS DUE TO YOUR MOVEMENT OR THE BEHAVIOR OF THE PHENOMENON, AND DESCRIBE SUCH MOVEMENT OR BEHAVIOR. INDICATE DISAPPEARANCES ON PREVIOUS SKETCHES.			



10. IF THERE WERE MORE THAN ONE PHENOMENON, HOW MANY WERE THERE? DRAW A PICTURE TO SHOW HOW THEY WERE ARRANGED. DID THIS ARRANGEMENT CHANGE DURING THE SIGHTING?

11. CONDITIONS (Check appropriate blocks.)

A. SKY		B. WEATHER	
<input type="checkbox"/> DAY		<input type="checkbox"/> CUMULUS CLOUDS (Low fluffy)	<input type="checkbox"/> FOG OR MIST
<input type="checkbox"/> TWILIGHT		<input type="checkbox"/> CIRRUS CLOUDS (High fleecy or Herring-bone)	<input type="checkbox"/> HEAVY RAIN
<input checked="" type="checkbox"/> NIGHT			<input type="checkbox"/> LIGHT RAIN OR DRIZZLE
<input checked="" type="checkbox"/> CLEAR		<input type="checkbox"/> NIMBUS CLOUDS (Rain)	<input type="checkbox"/> HAIL
<input type="checkbox"/> PARTLY CLOUDY		<input type="checkbox"/> CUMULONIMBUS CLOUDS (Thunderstorms)	<input type="checkbox"/> SNOW OR SLEET
<input type="checkbox"/> COMPLETELY OVERCAST			<input type="checkbox"/> UNKNOWN
		<input type="checkbox"/> HAZE OR SMOG	<input checked="" type="checkbox"/> NONE OF THE ABOVE

C. IF THE SIGHTING WAS AT TWILIGHT OR NIGHT, WHAT DID YOU NOTICE ABOUT THE STARS AND MOON?

(1) STARS	(2) MOON
<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> BRIGHT MOONLIGHT
<input type="checkbox"/> A FEW	<input type="checkbox"/> MOON WITH HALO
<input checked="" type="checkbox"/> MANY	<input type="checkbox"/> MOON HIDDEN BY CLOUDS
<input type="checkbox"/> UNKNOWN	<input type="checkbox"/> PARTIAL (New or quarter)

D. IF SIGHTING WAS IN DAYLIGHT, WAS THE SUN VISIBLE? ☐ YES ☐ NO. IF "YES," WHERE WAS THE SUN AS YOU FACED THE PHENOMENON?

<input type="checkbox"/> IN FRONT OF YOU	<input type="checkbox"/> TO YOUR RIGHT	<input type="checkbox"/> OVERHEAD (Near noon)
<input type="checkbox"/> IN BACK OF YOU	<input type="checkbox"/> TO YOUR LEFT	<input type="checkbox"/> UNKNOWN

E. SPECIFY THE MAJOR SOURCE OF ILLUMINATION PRESENT DURING THE SIGHTING, SUCH AS THE SUN, HEADLIGHTS OR STREET LAMP, ETC. FOR TERRESTRIAL ILLUMINATION, SPECIFY DISTANCE TO LIGHT SOURCE.

12. GIVE A BRIEF DESCRIPTION OF THE PHENOMENON, INDICATING WHETHER IT APPEARED DARK OR LIGHT, WHETHER IT REFLECTED LIGHT OR WAS SELF-LUMINOUS AND WHAT COLORS YOU NOTICED. DESCRIBE YOUR IMPRESSION OF WHETHER IT WAS SOLID OR TRANSPARENT, WHETHER EDGES WERE SHARP OR FUZZY. DESCRIBE THE SHAPE OR INDICATE IF IT APPEARED AS A POINT OF LIGHT. INDICATE COMPARISONS WITH OTHER OBSERVED OBJECTS, LIKE STARS, A LIGHT OR OTHER OBJECT IN YOUR FIELD OF VIEW.

None  
 appeared as a point of light in the eastern atmosphere, burning with a bluish-white light. Object was moving very slowly, much slower than a meteor. Remained very steadily until, when out, it almost appeared to blink off. From indications, size of object, and location of object was very small. Object appeared to be about 1000 ft high. Object was very small. Object appeared to be falling about 1000 ft per second. It fell down in front of me, but I did not see it disappear.